## INDIVIDUAL PROPERTY/DISTRICT MARYLAND HISTORICAL TRUST INTERNAL NR-ELIGIBILITY REVIEW FORM

Property/District Name: _Aurora Pulsed Radiation Sim	ulatr Survey Number: PG:61-45
Project: Dismantling of Aurora	Agency: F/Army
Site visit by MHT Staff: no X_ yes Name L. Bo	wlin Date 2/95
Eligibility recommended X Eligibility <b>not</b>	recommended
Criteria: XA BXC D Considerations:	ABCDEFGNone
Justification for decision: (Use continuation sheet	if necessary and attach map)
Located in Building 500 at the Army Research Labor determined that the Aurora Pulsed Radiation Simulator for its association with the Cold War (1946-1989) and of its construction that reflect high technology results. Nuclear survivability was a key issue in militar a nuclear bomb explodes, the gamma rays and electrocequipment. The Aurora was developed to determine satelites and strategic missile systems would react effects of x-rays and gamma rays produced by thermont develop defense systems capable of surviving the rad late 1960s and early 70s, Aurora has been operating of elieves that the scientific equipment is "an exception construction, a feat that the Soviets were unable fabricate certain key components critical to the opedetermination was developed by Joseph Murphey, an arch of Cold War material culture for the Army and Air For Army's determination.	c (Aurora) is exceptionally significant d for its unique engineering qualities search and development during the Cold ary strategy during the Cold War. When emagnetic pulses impact all electrical how military electrical hardware like to the radiation. Aurora tests the aclear blasts which allowed the Army to iation. Designed and developed in the continuously since 1972. The Amry also conal example of engineering design and to duplicate due to the inability to eration of the simulator." The Army's itect who specializes in the evaluation
Aurora is the historic property. Building 500 constructed to shelter the simulator. It is not his	is a non-descript concrete building toric.
Documentation on the property/district is presented in FILE "AURORA"	<del></del>
Prepared by: _Joseph Murphey, AIA, Fort Worth COE Distr	rict, and Army Research Laboratory
Lauren Bowlin	11/1/95
Reviewer, Office of flegervacion betvices	bace
NR program concurrence: yes no not app	plicable
Orlando Robert	11-1-95
Reviewer, NR program	Date

JAM.

## MARYLAND COMPREHENSIVE HISTORIC PRESERVATION PLAN DATA - HISTORIC CONTEXT

Geographic Region:		
Western Shore	(all Eastern Shore counties, and Cecil) (Anne Arundel, Calvert, Charles, Prince George's and St. Mary's)	
_	(Baltimore City, Baltimore, Carroll, Frederick, Harford, Howard, Montgomery)	
<u>-</u>	(Allegany, Garrett and Washington)	
Chronological/Developmental Per	iods:	
Paleo-Indian Early Archaic Middle Archaic Late Archaic Early Woodland Middle Woodland Late Woodland/Archaic Contact and Settlement Rural Agrarian Intensification Agricultural-Industrial Transit Industrial/Urban Dominance Modern Period Unknown Period ( prehistor	ion A.D. 1815-1870 A.D. 1870-1930 A.D. 1930-Present	
Prehistoric Period Themes:	IV. Historic Period Themes:	
Subsistence Settlement  Political Demographic Religion Technology Environmental Adaptation	Agriculture Architecture, Landscape Architecture, and Community Planning Economic (Commercial and Industrial) Government/Law X Military Religion Social/Educational/Cultural Transportation	
Resource Type:		
Category: <u>structur</u>		
Historic Environment: <u>urban</u>		
Historic Function(s) and Use(s)	: _military technology/radiation simulator_	
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PG:

Belts ville

PG:61-45 Aurora Pulsed Radiation Simulator Building 500, Army Research Laboratory, Adelphi Beltsville Quadrangle

